

Lake District National Park

Forecast valid from 06:00 on Thursday 13 Jan 2022 until 23:59 on Friday 14 Jan 2022

Forecast Issued on Thursday 13 Jan 2022 at 02:33

Confidence: High for mostly settled pattern with high pressure dominating, but less so for the cloud detail, also for showery rain early Sunday.

Headline for Thursday 13 Jan 2022: West seeing some cloud at times but the east brighter with some sunny spells.

Mountain weather hazards on Thursday 13 Jan 2022

Blizzards

No Likelihood

Heavy Snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

Low Likelihood

Poor visibility

Medium Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG	FOG	FOG	FOG
Fog	Fog	Fog	Fog	Fog	Fog
Precipitation probability					
10%	10%	10%	20%	20%	20%

Forecast for Thursday 13 Jan 2022

Weather: A dry day. A layer of cloud will affect western fells at times, but may not reach the summits, or at any rate more likely to break to the east of higher tops with the best of the sunshine there.

Chance of cloud free mountain/hill tops above 800m: Ranging from 50% in the west and 90% in the east

Visibility: Generally good away from cloud, which will be found in the west at times bases 400-600m and tops probably around 800m.

Forecast for Thursday 13 Jan 2022

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	28/32 SW	26/31 SW	23/28 W	21/25 SW	20/24 SW	18/22 SW	14/17 SW
600	19/23 SW	18/23 SW	18/23 W	15/19 SW	14/18 SW	13/17 SW	11/15 SW
300	5/19 W	5/18 W	6/18 W	4/15 W	4/14 SW	4/14 SW	3/11 SW
Valley	5/18 W	6/17 W	6/16 W	5/14 W	4/14 SW	4/13 W	3/10 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	2/-5	1/-6	1/-6	1/-6	0/-6	-0/-6	0/-5
600	3/-2	3/-3	3/-2	3/-2	2/-3	2/-3	2/-3
300	5/3	4/2	6/4	5/4	4/2	4/2	4/2
Valley	6/5	6/4	7/6	7/6	6/4	6/4	6/4
Freezing Level*	1200m	1000m	1000m	900m	1400m	1600m	1400m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Fresh to strong summit winds bringing some significant wind chill at first.

Forecast for Friday 14 Jan 2022

Weather: Dry with patchy low cloud and some sunny spells.

Maximum wind: 5-10mph, variable mainly southerly in direction.

Chance of cloud free mountain/hill tops above 800m: 70%.

Visibility: Mainly good away from cloud. Some low level fog patches possible mainly in the south, and occasional cloud 500-800m.

Temperature: **Valleys:** Minus 2 Celsius increasing plus 8 Celsius during the afternoon
At 800m: Plus 2 Celsius
Freezing level: Around 1000m, or just above summits

Ground Conditions Supplement

Date: Wednesday 12 January 2022. Location: Hall's Fell summit (Blencathra) at 15:39. Full report: A mild and dry day with cloud lifting and clearing through the morning with sunny spells developing in the afternoon giving a spring-like feel in the valleys. The largest quantities of remaining snow are generally found on steep north through east-facing aspects above 700m. Most of the snow encountered at lower elevations today was soft, however, on higher ground, it was weight-bearing and icy in places.

Sharp edge was very slick and slippery this morning but can be done mostly on rock, however, patches of snow are present along this route and good care is needed to negotiate them safely. Over on Helvellyn, more snow will be present and similar conditions are likely with Striding and Swirral edges being a mixture of snow and rock. With the summit temperatures above freezing in the daytime, any cornices will be fragile and should be given a wide berth. Overnight temperatures on the summits are likely to be close to or below freezing, therefore microspikes/walking poles are recommended and an ice axe/crampons for anyone venturing onto or above steep ground. Full winter clothing (warm and waterproof) including spare warm layers, hats and gloves, and equipment including a headtorch, map, and compass are all essential. Temperature: Plus 3.2 C, Maximum wind speed 19.3 mph, Wind chill: minus 0.6 C, Average wind speed: 11.4 mph.

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